Manhole Inspection Summary M			Ma	anhole # S61Q004MH
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Inspection	☐ Is Incomplete	Rating: 4) Poor		
Record Plat: 61	1Q Node: 004	Status: Found		Insp Date: 12/17/08 11:34 AM
Incomplete Comments Crew: DJ, BR, TS				
				Inspector: BradRoberts
				Firm: <b>RJN</b>
Location	Address: <b>4900 S. Po</b>	nca St.		Cross Street: 1200 Boston St.
Manhole	Type: <b>Junction</b> L	_ocation: Light Highwa	ny	Ground Conditions: <b>Wet</b>
	☐ Prev. Rehab V	Weather: <b>Dry</b>	S	Subject To Ponding: <b>Ponding</b>
Comments	HIGH TRAFFIC IN THE MIDDLE OF AN 4 WAY INTERSECTION. wall, mortar, joints, bricks falling in to manhole			
Cover	Shape: Circular	Diameter: 30	(in.) Lengt	h: (in.) Dist A/B Grade: -0.5 (in.)
	Type: Sanitary	Condition: Soun	d	Cover Material: Cast Iron
Properties: ☐ Bolted ☑ Vented ☐ Water Tight ☐ Water Tight Insert				
Frame Offset: 0 (in.) Condition: ☐ Sound ☐ Cracked ✓ Leaks				
Chimney / Frame Adjustment				
Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated				
Infiltration:	□ None  ✓ Joint	✓ Cracks ✓ Mortar	Roots	<b>☑</b> Wall
Corbel	Material: <b>Brick</b>	☐ Parge	d Type:	Concentric/Eccentric
Condition:	Sound Cracke	ed Root Intrusion	✓ Loose	Brick 🗸 Deteriorated
Infiltration:	None ✓ Joint	✓ Cracks ✓ Mort	ar 🗌 Ro	ots 🗸 Wall
Barrel	Material: Brick	☐ Parge	d	
Shape:	Circular Dia	meter: 48 (in.) Leng	th: (in.)	
Condition:	☐ Sound ✓ Cracke	ed Root Intrusion	✓ Loose	Brick 🗹 Deteriorated
Infiltration:	☐ None ✓ Joint	✓ Cracks ✓ Mort	ar 🗌 Ro	ots V Wall
Bench	✓ Exists Material: B	Brick	☐ Parge	d
Condition:	✓ Sound ☐ Cracke	ed Root Intrusion	☐ Deteri	orated Leaks Debris
Channel	Material: Brick	☐ Parge	d	
Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth:				
Condition:	✓ Sound ☐ Cracke	ed Root Intrusion	Deteri	orated Leaks Debris
Steps	Count: 5 Missing:	0		
Surcharge	✓ Evidence Of Sure	charge Depth: 2 (f	t.)	e Surcharge Present

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Location View



Defect 2



missing bricks in chimney

Defect 6



wall crack

Top View



Defect 3



wall, mortar, joints, bricks falling in.

Defect 1



Debris in channel of I3

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Defect 4



missing mortar

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## 10 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock



3 O'Clock Inflow



Pipe Height: 10.8 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 11.67 (ft.) Flow Characteristics: Slow

Deposits: ☐ None ☐ Mud ✓ Sludge ✓ Debris ☐ Grease

Silt Depth: **0.5** (in.) Deposits Extent: **Medium** Infiltration: **Evidence** Pipe Seal Cond: **Cracked** 

Drop: None

Connects To: **Manhole**Possible Illicit Connection

# 10 in. Circular Gravity Sewer Pipe In @ 3 O'Clock



Pipe Height: 10.8 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 11.33 (ft.) Flow Characteristics: Slow

Deposits: ☐ None ☐ Mud ✓ Sludge ✓ Debris ✓ Grease

Silt Depth: **6** (in.) Deposits Extent: **Heavy** Infiltration: **None** Pipe Seal Cond: **Sound** 

Drop: None

Connects To: **Dead End**Possible Illicit Connection

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### 10 in. Circular Gravity Sewer Pipe In @ 6 O'Clock



Pipe Height: 10.8 (in.) Rod and Bar (Angled) Pipe Material: Clay ☐ Pipe Lined

Invert Depth: 9.67 (ft.) Flow Characteristics: Fast

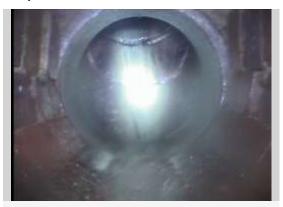
Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: Deposits Extent: (in.)

Infiltration: None Pipe Seal Cond: Sound

6 O'Clock Inflow

#### Drop In @ 6 O'Clock



Drop: Inside **Rod and Bar** 

Angled: Yes Reading: 10.00 (ft.)

Inv Depth: 11.00 (ft.)

Drop Condition: Open

Connects To: Manhole

☐ Possible Illicit Connection